## Shenzhen Huatongwei International Inspection Co., Ltd.

Keji S. 12th, Road, Hi-tech Industrial Park, Shenzhen, Guangdong, China

Phone:86-755-26748099

Fax:86-755-26748089

http://www.szhtw.com.cn









### FCC PART 15 SUBPART B TEST REPORT

#### **FCC PART 15B**

Report Reference No...... WE09010001

Compiled by

( position+printed name+signature)..: File administrators Wenliang Li

Supervised by

( position+printed name+signature)..: Test Engineer Wenliang Li

Approved by

( position+printed name+signature)..: Manager Jimmy Li

Date of issue...... Feb 11, 2009

Testing Laboratory Name ............. Shenzhen Huatongwei International Inspection Co., Ltd

Address...... Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China

Applicant's name...... ASOKA USA CORPORATION

Test specification:

Standard ...... FCC Part 15B- Unintentional Radiators

TRF Originator...... Shenzhen Huatongwei International Inspection CO., Ltd

Master TRF...... Dated 2006-06

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Test item description .....: Turbo Smart RS-Bridge

Trade Mark .....:

Model/Type reference...... PL8651—RS2

Listed Models ...... PL8651-RS1

Result..... Positive

### TEST REPORT

| Test Report No. : | WE09010001  | Feb 11, 2009  |
|-------------------|-------------|---------------|
| l rest Report No  | VVE09010001 | Date of issue |

Equipment under Test : Turbo Smart RS-Bridge

Model /Type : PL8651—RS2

Listed Models : PL8651—RS1

**Applicant**: ASOKA USA CORPORATION

Address : 2344-A Walsh Avenue, Santa Clara City, CA 95051

| Test Result according to the standards on page 4: | Positive |
|---|----------|
|---|----------|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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# 1. TEST STANDARDS

The tests were performed according to following standards:

FCC Rules Part 15 Subpart B - Unintentional Radiators

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# 2. <u>SUMMAR</u>Y

#### 2.1. General Remarks

Date of receipt of test sample : Jan 08, 2009

Testing commenced on Jan 10, 2009

Testing concluded on Feb 11, 2009

### 2.2. Equipment Under Test

### Power supply system utilised

Power supply voltage 120V / 60 Hz o 115V / 60Hz

o 12 V DC o 24 V DC

o Other (specified in blank below)

### 2.3. Short description of the Equipment under Test (EUT)

Turbo Smart RS-Bridge

For more details, refer to the user's manual of the EUT.

Serial number: Prototype

### 2.4. EUT operation mode

The EUT has been tested under typical operating condition.

### 2.5. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

o - supplied by the manufacturer

o - supplied by the lab

Length (m): / o Power Cable

> Shield: / Detachable: /

o Multimeter Manufacturer: /

Model No.: /

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### 2.6. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **T37PL8651-RS2** filling to comply with the FCC Part 15, Subpart B Rules.

### 2.7. Modifications

No modifications were implemented to meet testing criteria.

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### 3. TEST ENVIRONMENT

### 3.1. Address of the test laboratory

Shenzhen Huatongwei International Inspection Co., Ltd Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China Phone: 86-755-26715686 Fax: 86-755-26748089

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2003) and CISPR Publication 22.

### 3.2. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories, Date of Registration: August 02, 2007. Valid time is until March 04, 2009.

#### A2LA-Lab Cert. No. 2243.01

Shenzhen Huatongwei International Inspection Co., Ltd, EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is from Aug 24, 2005 to Sept 30, 2009.

### FCC-Registration No.: 662850

Shenzhen Huatongwei International Inspection Co., Ltd, EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Registration 662850, Renewal date September, 2009.

#### IC-Registration No.: 5377

The 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377 on November 28<sup>th</sup>, 2005.

#### **ACA**

Shenzhen Huatongwei International Inspection Co., Ltd, EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

#### NEMKO-Aut. No.: ELA125

Shenzhen Huatongwei International Inspection Co., Ltd has been assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The quality assurance system of the Laboratory has been validated against ISO/IEC 17025:2005 or equivalent. The laboratory also fulfils the conditions described in Nemko Document NLA-10, the Authorization is valid through April 25, 2009.

### **VCCI**

The 3m Semi-anechoic chamber  $(12.2m\times7.95m\times6.7m)$  and Shielded Room  $(8m\times4m\times3m)$  of Shenzhen Huatongwei International Inspection Co., Ltd has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2484. Date of Registration: December 20, 2006. Valid time is until December 19, 2009.

Main Ports Conducted Interference Measurement of Shenzhen Huatongwei International Inspection Co., Ltd has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: C-2726. Date of Registration: December 20, 2006. Valid time is until December 19, 2009.

### **IECEE CB**

Shenzhen Huatongwei International Inspection Co Ltd has been assessed and determined to fully comply with the requirements of ISO/IEC 17025: 2005-05, The Basic Rules, IECEE 01: 2006-10 and Rules of Procedure IECEE 02: 2006-10, and the relevant IECEE CB-Scheme Operational Documents. It is therefore entitled to operate as a CB Testing Laboratory under the responsibility of Nemko A/S. This certificate remains valid until May 25th 2009 at which time it will be reissued by the IECEE Executive Secretary upon successful completion of the normally scheduled 3-year Reassessment Program administered by the IECEE CB Scheme.

#### DNV

Shenzhen Huatongwei International Inspection Co Ltd has been found to comply with the requirements of DNV towards subcontractor of EMC and safety testing services in conjunction with the EMC and Low voltage Directives and in the voluntary field. The acceptance is based on a formal quality Audit and follow-ups according to relevant parts of ISO/IEC Guide 17025(2005), in accordance with the requirements of the DNV Laboratory Quality Manual towards subcontractors. Valid time is until 09 July, 2010.

#### 3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

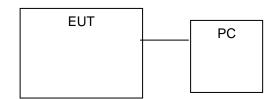
Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

### 3.4. Configuration of Tested System

Fig. 2-1 Configuration of Tested System



**Table 2-1 Equipment Used in Tested System** 

| No. | Product     | Product Manufacturer |      | Product Manufacturer Model No. |  | Serial No. |  |
|-----|-------------|----------------------|------|--------------------------------|--|------------|--|
|     | Notebook PC | IBM                  | 2884 | L3-MF472                       |  |            |  |

### 3.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods — Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongwei laboratory is reported:

| Test                  | Range      | Measurement<br>Uncertainty | Notes |
|-----------------------|------------|----------------------------|-------|
| Radiated Emission     | 30~1000MHz | 4.22dB                     | (1)   |
| Radiated Emission     | 1~12.75GHz | 4.35dB                     | (1)   |
| Conducted Disturbance | 0.15~30MHz | 3.29dB                     | (1)   |

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

### 3.6. Equipments Used during the Test

| AC Po | AC Power Conducted Emission |                 |            |            |           |  |  |  |  |  |  |
|-------|-----------------------------|-----------------|------------|------------|-----------|--|--|--|--|--|--|
| Item  | Test Equipment              | Manufacturer    | Model No.  | Serial No. | Last Cal. |  |  |  |  |  |  |
| 1     | EMI TEST RECEIVER           | ROHDE & SCHWARZ | ESCI       | 100106     | 2008/11   |  |  |  |  |  |  |
| 2     | ARTIFICIAL MAINS            | ROHDE & SCHWARZ | ESH2-Z5    | 100028     | 2008/11   |  |  |  |  |  |  |
| 3     | PULSE LIMITER               | ROHDE & SCHWARZ | ESHSZ2     | 100044     | 2008/11   |  |  |  |  |  |  |
| 4     | EMI TEST<br>SOFTWARE        | ROHDE & SCHWARZ | ES-K1 1.71 | N/A        | 2008/11   |  |  |  |  |  |  |

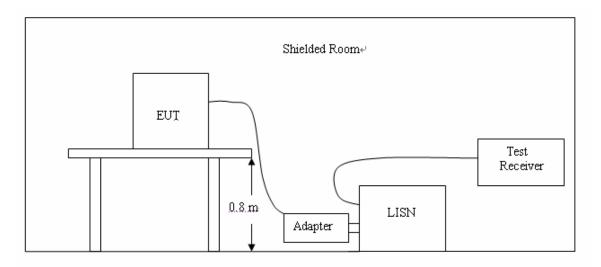
| Radia | Radiated Emissions         |                 |           |              |           |  |  |  |  |  |  |
|-------|----------------------------|-----------------|-----------|--------------|-----------|--|--|--|--|--|--|
| Item  | Test Equipment             | Manufacturer    | Model No. | Serial No.   | Last Cal. |  |  |  |  |  |  |
| 1     | ULTRA-BROADBAND<br>ANTENNA | ROHDE & SCHWARZ | HL562     | 100015       | 2008/11   |  |  |  |  |  |  |
| 2     | EMI TEST RECEIVER          | ROHDE & SCHWARZ | ESI 26    | 100009       | 2008/11   |  |  |  |  |  |  |
| 3     | RF TEST PANEL              | ROHDE & SCHWARZ | TS / RSP  | 335015/ 0017 | 2008/11   |  |  |  |  |  |  |
| 4     | TURNTABLE                  | ETS             | 2088      | 2149         | 2008/11   |  |  |  |  |  |  |
| 5     | ANTENNA MAST               | ETS             | 2075      | 2346         | 2008/11   |  |  |  |  |  |  |
| 6     | EMI TEST<br>SOFTWARE       | ROHDE & SCHWARZ | ESK1      | N/A          | 2008/11   |  |  |  |  |  |  |

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### 4. TEST CONDITIONS AND RESULTS

#### 4.1. Conducted Emissions Test

#### **TEST CONFIGURATION**



#### **TEST PROCEDURE**

- 1 The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4.
- 2 Support equipment, if needed, was placed as per ANSI C63.4.
- 3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- 4 The EUT received DC8V power from the adapter, the adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5 All support equipments received AC power from a second LISN, if any.
- 6 The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7 Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8 During the above scans, the emissions were maximized by cable manipulation.

#### Conducted Power Line Emission Limit

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following:

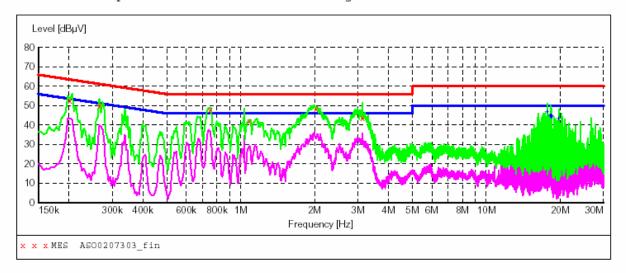
| Ereguenev          | Maximum RF Line Voltage (dBμV) |      |         |        |  |  |  |
|--------------------|--------------------------------|------|---------|--------|--|--|--|
| Frequency<br>(MHz) | CLAS                           | S A  | CLASS B |        |  |  |  |
| (111112)           | Q.P.                           | Ave. | Q.P.    | Ave.   |  |  |  |
| 0.15 - 0.50        | 79                             | 66   | 66-56*  | 56-46* |  |  |  |
| 0.50 - 5.00        | 73                             | 60   | 56      | 46     |  |  |  |
| 5.00 - 30.0        | 73                             | 60   | 60      | 50     |  |  |  |

<sup>\*</sup> Decreasing linearly with the logarithm of the frequency

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

### **TEST RESULTS**

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



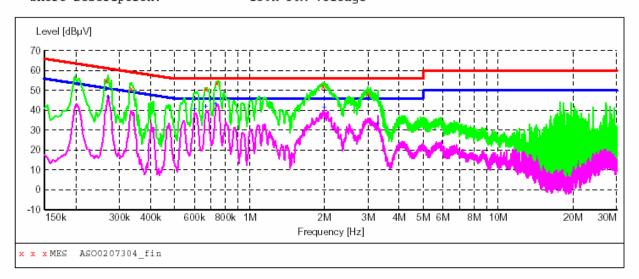
### MEASUREMENT RESULT: "ASO0209303\_fin"

| 2/7 | 7/2009       | 2:03PM |                 |            |               |              |          |      |     |
|-----|--------------|--------|-----------------|------------|---------------|--------------|----------|------|-----|
|     | Frequen<br>M | -      | evel Tr<br>dBµV | ansd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|     |              |        |                 |            |               |              |          |      |     |
|     | 0.2020       | 00 52  | 2.90            | 10.2       | 64            | 10.6         | QP       | N    | GND |
|     | 0.2660       | 00 50  | 0.10            | 10.2       | 61            | 11.1         | QP       | N    | GND |
|     | 0.7520       | 00 48  | 8.10            | 10.2       | 56            | 7.9          | QP       | N    | GND |
|     | 1.0820       | 00 4:  | 1.90            | 10.3       | 56            | 14.1         | QP       | N    | GND |
|     | 2.0240       | 00 48  | 8.40            | 10.4       | 56            | 7.6          | OP       | N    | GND |
|     | 3.1340       | 00 43  | 3.70            | 10.4       | 56            | 12.3         | ÕР       | N    | GND |

### MEASUREMENT RESULT: "ASO0209303\_fin2"

| 2, | /7/2009 2:03<br>Frequency<br>MHz | PM<br>Level<br>dBµV | Transd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|----|----------------------------------|---------------------|--------------|---------------|--------------|----------|------|-----|
|    | 17.696000                        | 46.80               | 10.8         | 50            | 3.2          | AV       | N    | GND |
|    | 18.248000                        | 44.70               | 10.9         | 50            | 5.3          | AV       | N    | GND |
|    | 18.308000                        | 44.50               | 10.9         | 50            | 5.5          | AV       | N    | GND |
|    | 18.368000                        | 44.50               | 10.9         | 50            | 5.5          | AV       | N    | GND |
|    | 18.488000                        | 44.40               | 10.9         | 50            | 5.6          | AV       | N    | GND |
|    | 19.712000                        | 43.50               | 10.9         | 50            | 6.5          | AV       | N    | GND |

SCAN TABLE: "Voltage (9K-30M) FIN"
Short Description: 150K-30M Voltage



### MEASUREMENT RESULT: "ASO0209304\_fin"

| 2/7/2009<br>Frequ |      | M<br>Level<br>dBμV | Transd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|-------------------|------|--------------------|--------------|---------------|--------------|----------|------|-----|
| 0.26              | 6000 | 54.90              | 10.2         | 61            | 6.3          | QP       | L1   | GND |
| 0.33              | 4000 | 50.80              | 10.2         | 59            | 8.6          | QP       | L1   | GND |
| 0.66              | 8000 | 50.80              | 10.2         | 56            | 5.2          | QP       | L1   | GND |
| 0.74              | 0000 | 53.70              | 10.2         | 56            | 2.3          | QP       | L1   | GND |
| 1.97              | 6000 | 51.90              | 10.3         | 56            | 4.1          | QP       | L1   | GND |
| 2.99              | 6000 | 48.20              | 10.4         | 56            | 7.8          | QP       | L1   | GND |

### MEASUREMENT RESULT: "ASO0209304\_fin2"

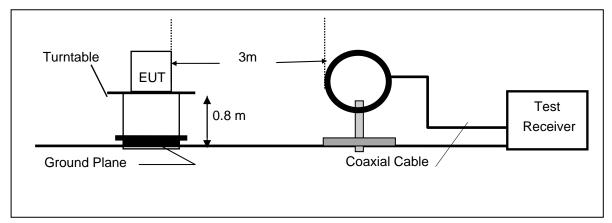
| 2/7/2009<br>Frequ |      | M<br>Level<br>dBµV | Transd<br>dB | Limit<br>dBµV | Margin<br>dB | Detector | Line | PE  |
|-------------------|------|--------------------|--------------|---------------|--------------|----------|------|-----|
| 0.27              | 0000 | 46.70              | 10.2         | 51            | 4.4          | AV       | L1   | GND |
| 0.60              | 2000 | 40.60              | 10.2         | 46            | 5.4          | AV       | L1   | GND |
| 0.66              | 8000 | 41.90              | 10.2         | 46            | 4.1          | AV       | L1   | GND |
| 0.73              | 4000 | 43.10              | 10.2         | 46            | 2.9          | AV       | L1   | GND |
| 1.99              | 4000 | 41.30              | 10.3         | 46            | 4.7          | AV       | L1   | GND |
| 3.27              | 2000 | 33.30              | 10.4         | 46            | 12.7         | AV       | L1   | GND |

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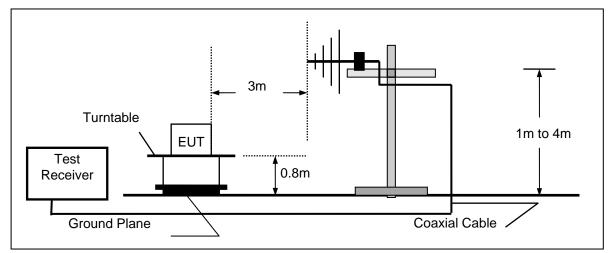
### 4.2. Radiated Emission Test

### **TEST CONFIGURATION**

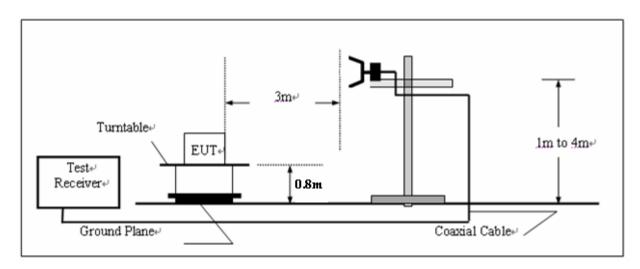
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency below 1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



#### **TEST PROCEDURE**

- 1 The EUT was placed on a turn table which is 0.8m above ground plane.
- 2 Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from  $0^{\circ}$  to 360°C to acquire the highest emissions from EUT
- 3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 4. Repeat above procedures until all frequency measurements have been completed.

#### Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor(if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

| Where FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |  |  |  |  |
|---------------------------|--|--|--|--|--|
| RA = Reading Amplitude    | AG = Amplifier Gain                        |  |  |  |  |
| AF = Antenna Factor       |  |  |  |  |  |

### **RADIATION LIMIT**

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| Frequency<br>(MHz) | Distance<br>(Meters) | Radiated<br>(dBµV/m) | Radiated<br>(μV/m) |
|--------------------|----------------------|----------------------|--------------------|
| 30-88              | 3                    | 40.0                 | 100                |
| 88-216             | 3                    | 43.5                 | 150                |
| 216-960            | 3                    | 46.0                 | 200                |
| Above 960          | 3                    | 54.0                 | 500                |

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

#### **Test Procedure**

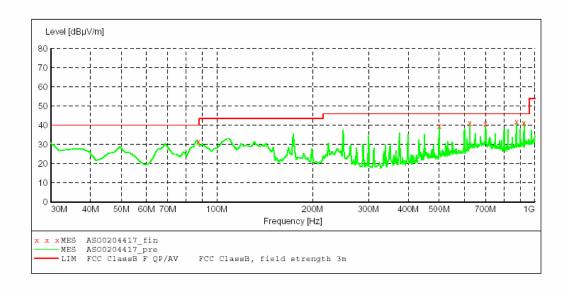
- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.

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### **TEST RESULTS**

Operation Mode: Normal Operation Temperature: 20 C Humidity: 70 % RH Polarity: Ver. / Hor.

SCAN TABLE: "test Field(30M-1G)OP"
Short Description: Field Strength(30M-1G) Start Stop Step Detector Meas. ΙF Transducer Frequency Frequency Width Time Bandw. QuasiPeak 1.0 s 30.0 MHz 1.0 GHz 60.0 kHz 120 kHz HL562 08

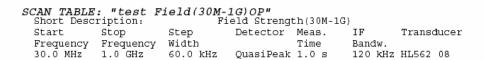


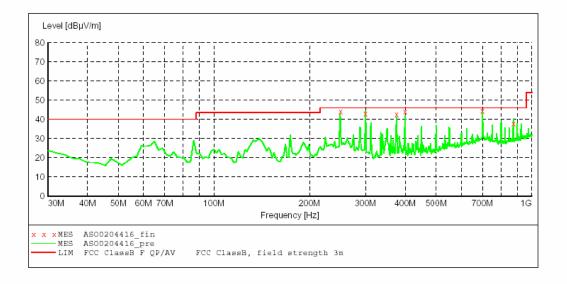
#### MEASUREMENT RESULT: "ASO0204417\_fin"

| 2/4/2009 1:17PM |        |        |        |        |      |       |        |              |
|-----------------|--------|--------|--------|--------|------|-------|--------|--------------|
| Frequency       | Level  | Transd |        | Margin | Det. |       |        | Polarization |
| MHz             | dBμV/m | dB     | dBμV/m | dB     |      | cm    | deg    |              |
| 87.480000       | 31.50  | 11.7   | 40.0   | 8.5    | QP   | 150.0 | 115.00 | VERTICAL     |
| 499.980000      | 39.40  | 20.1   | 46.0   | 6.6    | QP   | 100.0 | 213.00 | VERTICAL     |
| 625.020000      | 41.20  | 23.8   | 46.0   | 4.8    | QP   | 100.0 | 85.00  | VERTICAL     |
| 699.960000      | 40.60  | 26.7   | 46.0   | 5.4    | QP   | 100.0 | 138.00 | VERTICAL     |
| 874.980000      | 41.70  | 25.0   | 46.0   | 4.3    | QP   | 100.0 | 8.00   | VERTICAL     |
| 924.960000      | 41.10  | 25.9   | 46.0   | 4.9    | QP   | 100.0 | 8.00   | VERTICAL     |

#### Remark:

- (1) Measuring frequencies from 30 MHz to the 1 GHz.
- (2) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (3) Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (4) The IF bandwidth of EMI Test Receiver was 120KHz for measuring from 30 MHz to 1 GHz and 1 MHz for measuring above 1 GHz





### MEASUREMENT RESULT: "ASO0204416\_fin"

| 2/4/ | /2009 1:23      | BPM             |              |                 |              |      |              |                |              |
|------|-----------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|--------------|
| F    | requency<br>MHz | Level<br>dBµV/m | Transd<br>dB | Limit<br>dBµV/m | Margin<br>dB | Det. | Height<br>cm | Azimuth<br>deg | Polarization |
| 25   | 0.020000        | 43.90           | 12.4         | 46.0            | 2.1          | QP   | 100.0        | 213.00         | HORIZONTAL   |
| 30   | 00.00000        | 42.80           | 13.8         | 46.0            | 3.2          | QP   | 100.0        | 229.00         | HORIZONTAL   |
| 37   | 75.000000       | 42.40           | 16.4         | 46.0            | 3.6          | QP   | 100.0        | 223.00         | HORIZONTAL   |
| 3.9  | 99.960000       | 43.80           | 17.2         | 46.0            | 2.2          | QP   | 100.0        | 205.00         | HORIZONTAL   |
| 69   | 99.960000       | 44.30           | 26.7         | 46.0            | 1.7          | QP   | 100.0        | 171.00         | HORIZONTAL   |
| 87   | 74.980000       | 37.80           | 25.0         | 46.0            | 8.2          | ÕР   | 100.0        | 148.00         | HORIZONTAL   |

#### Remark:

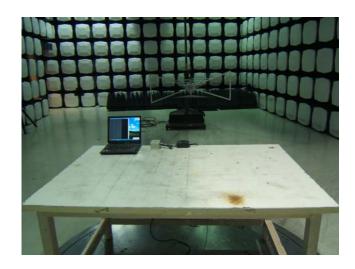
- (1) Measuring frequencies from 30 MHz to the 1 GHz.
- (2) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (3) Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (4) The IF bandwidth of EMI Test Receiver was 120KHz for measuring from 30 MHz to 1 GHz and 1 MHz for measuring above 1 GHz

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# 5. Test Setup Photos of the EUT







# 6. External and Internal Photos of the EUT





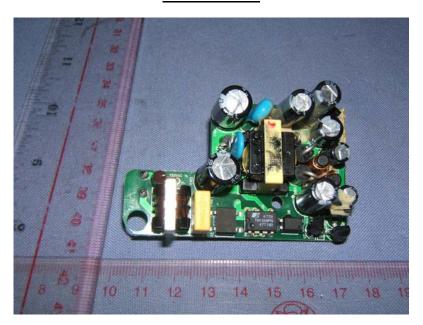






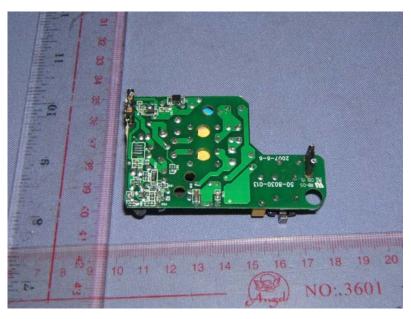
# **Internal Photos of the EUT**

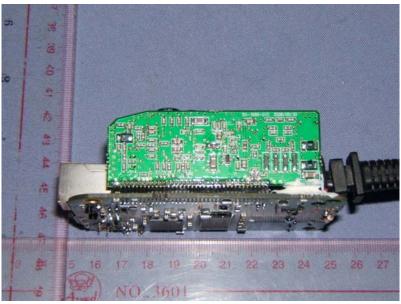
### **Internal Photos**



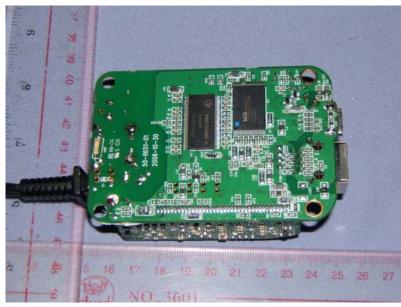












.....End of Report.....